



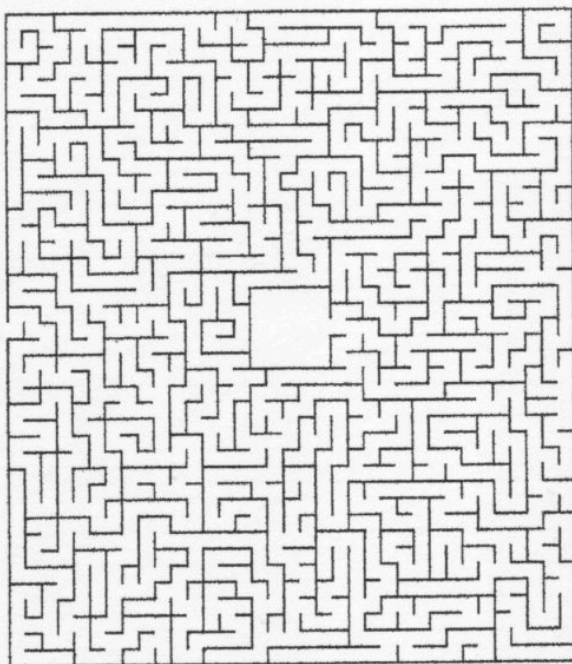
## PUZZLES – Set 1

Below are several puzzles that can be printed out. Solutions have also been included. All the puzzles (except the math one) focus on sea ice research and geosciences in the Arctic.

Good Luck and Have Fun!

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### Arctic Daze



# Arctic Math

	+		-		-		-		4
+		+		-		-		+	
	-		X		+		+		-281
+		X		-		+		-	
	X		-		+		-		569
-		-		+		X		X	
	+		-		+		-		9
X		-		-		-		-	
	+		-		+		+		52
16		297		-42		58		-117	

Try to fill in the missing numbers.

Use the numbers 1 through 25 to complete the equations.

Each number is only used once.

Each row is a math equation. Each column is a math equation.

Remember that multiplication and division are performed before addition and subtraction.

Solution

# Solution to Arctic Math Puzzle:

20	+	3	-	7	-	1	-	11	4
+		+		-		-		+	
9	-	13	X	24	+	16	+	6	-281
+		X		-		+		-	
23	X	25	-	17	+	19	-	8	569
-		-		+		X		X	
2	+	21	-	4	+	5	-	15	9
X		-		-		-		-	
18	+	10	-	12	+	22	+	14	52
16		297		-42		58		-117	

## Earth Science

□□□□□□□□	_____
□□□□□□□□	_____
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Directions: Match these words with their word shapes.

Carbon  
Geosphere  
Energy  
Hydrology

Hydrosphere  
Nutrient  
Biosphere  
Atmosphere

## Solution to Earth Science Word Shape Puzzle:

### Earth Science

□□□□□□□□	atmosphere
□□□□□□□□	biosphere
□□□□□□□□	geosphere
□□□□□□□□	hydrosphere
□□□□□□	energy
□□□□□□□□	hydrology
□□□□□□	carbon
□□□□□□□□	nutrient